

Writing Beamer Slides with Markdown

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June 4, 2022

How?

Example

Proposed Menu
Budgeting

We can do that?

- ▶ Yeah to some extent, with `markdown` package :-)
 - ▶ `#` and `##` for section and subsection headers (in ToC)
 - ▶ Redefine `###` to start a frame and frametitle
 - ▶ (Nested) bullet and numbered lists
 - ▶ Text formatting (*italic*, **bold becomes italic + alerted**)
 - ▶ Redefine `####` to start a block with title and `----` to end the block
 - ▶ *Compile with `--shell-escape`* (Overleaf does this already)
- ▶ (Alternative approaches: Pandoc, wiktobeamer)

Caveats

- ▶ Nothing too complicated!
- ▶ No verbatim or fragile stuff!
- ▶ No # and _ characters!
(I used `\hash` and `\textunderscore`)
- ▶ Can't pass options to frames
- ▶ **Need to write `\end{frame}` manually!**

Breakfast Menu

- ▶ Eggs
 - ▶ scrambled
 - ▶ sunny-side-up
- ▶ Coffee
 - ▶ Americano
 - ▶ Long black
- ▶ Tea
 - ▶ Darjeeling
 - ▶ English Breakfast

Lunch Menu

- ▶ Spaghetti
 - ▶ Bolognese
 - ▶ Aglio olio
- ▶ Sandwiches
 - ▶ Egg
 - ▶ Ham
 - ▶ Tuna

Projected Profit

1. And the answer is...
2. $f(x) = \sum_{n=0}^{\infty} \frac{f^{(n)}(a)}{n!} (x - a)^n$
 1. How do we *know* that?
 2. **Maths!**

Testing blocks

This is a block!

- ▶ Here is some content.
- ▶ Here's more contents.

Citations

- ▶ This is a citation (?)
- ▶ Works like natbib syntax (see ?, p.26)

Pipe Tables

- ▶ Use `pipeTables` and `tableCaptions` options
- ▶ Available since markdown v2.8.0

Right	Left	Default	Center
12	12	12	12
123	123	123	123
1	1	1	1

Table: Demonstration of pipe table syntax.

Bibliography